read

$$\sigma_{\text{int}}=[2\pi^2e^2\hbar/(Mc)]\Big\{NZ/A-[Mx/(3\hbar^2)]\times\int\Psi_0^*\sum_{i,j}V(r_{ij})r_{ij}^2P_{ij}^M\Psi_0d\tau-[My/(3\hbar^2)]\times\int\Psi_0^*\sum_{i,j}V(r_{ij})r_{ij}^2P_{ij}^B\Psi_0d\tau\Big\}.$$

(iii) In Eq. (4), for

$$\sigma_b=(4\pi^2/3)[e^2/(\hbar c)][zN/(A-1)]R^2,$$

read

$$\sigma_b=(4\pi^2/3)[e^2/(\hbar c)][ZN/(A-1)]R^2.$$

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